Bruhath Bangalore Mahanagara Palike

Executive Engineer, Byatarayanapura Division,
Bangalore

Pre-Measurement-Sheet

Ist and ~~Final~~ Part bill

Name of Work :- **Package-3**, includes 7 works of Rs.85.00 Lakhs 1) Improvements to Parks in Kodigehalli ward no.08, 2) Providing Borewell and pipeline work in Bhadrappa layout and surrounding in ward no.08 Kodigehalli, 3) Supply of water through water tank at Balaji layout and Bhadrappa layout at Kodigehalli in ward no.08, 4) Supply of water through water tank at Kodigehalli Maruthinagara and BB Nagara area at Kodigehalli in ward no.08, 5) Replace of old UGD pipe line at Kodigehalli in ward no.08, 6) Improvements of roads and desilting at Devinagara and surrounding area at Kodigehalli in ward no.08 7) Providing and fixing CC TV at Block spot in Kodigehalli ward no.08 Indent 34188

Job Code No :- 008-19-000003

AS/NO:- CE /(YNK) / Admn/167/2019-20, Dt: 09.01.2019

TS/NO:- CE(YNK)/TS/246/2019-20 Dt: 09.01.2019

Agency Name :- Sri.B.B Umesh

Work order No :- BBMP/EE/BTP/WO/185/2019-20,
Dt:07.01.2020

BRUHATH BANGALOR MAHANAGARA PALIKE

Executive Engineer Byatarayanapura Division

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1st and Part Bill

Name of Agency : Sri.B.B Umesh

Job Code No :- 008-19-000003

AS/NO:- CE /(YNK) / Admn/167/2019-20	Dt: 09.01.2019
TS/NO:- CE(YNK)/TS/246/2019-20	Dt: 09.01.2019
Work order No. :- BBMP/EE/BTP/WO/185/2019-20	Dt:07.01.2020

Item NO	1	
Item Name	Geophysical investigation of site for sinking borewell for supplying drinking water to the habitation either through the hand pump, MWS or P.W.S.S. by vertical electrical sounding by adopting gvenner or schiberger's method, including reconnaissance survey of geological formation, geophysical investigation of existing ground water in the vicinity, its quality and acceptability of the users indicating the licating the location of site, recommended depth of 1.0 mtrs in consolidated formation for proper seating of casting pipe, depth of drilling required to cover full depth of acquifer proposed to be tapped, probate yield and other information required including transportation and accessories to work site, engaging technical personal and labour required etc	

SL NO	CHAINAGE / Land mark	NO	Length (m)	Bridth (m)	Depth (m)	Qty	Raemarks
Measurement Recorded On :							
2) Providing borewell and pipe line works in Bhadrappa Layout and Surrounding in ward no.08, Kodigehalli							
For New Bore well points							
Maruthinagara Bhadrappa layout 12th cross							
Cross road		1				1.00	
Maruthinagara Bhadrappa layout 6th cross road							

6th Cross road			1			1.00	
						2.00	
					Total Qty	**2.00**	**Nos**

Asst.Engineer
Ward no.08
BBMP - Bangalore

Asst.Executive Engineer
Kodigehalli sub Division
BBMP - Bangalore

Assistant Executive Engineer
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

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Work order No. :- BBMP/EE/BTP/WO/185/2019-20	Dt:07.01.2020

Item NO	**2**
Item Name	Sinking borewell of 165mm dia clear using super fast Hydrolic rig of capacity 250 PSIG na above 900 CFM and abaove in all strats including over burden upto 20M. fixing of casing pipes collars and cap with necessary, cutting and threading including transportation of rig and supporting vehicles, crew charges and cost of consumbables etclm complete including yield testing at the final depth with a minimum work in on compression for an hour (excluding cost of casing pipes collars cap etc., **a)0.00 to 50.00 mtrs**

SL NO	CHAINAGE / Land mark	NO	Length (m)	Bridth (m)	Depth (m)	Qty	Raemarks
Measurement Recorded On :							
2) Providing borewell and pipe line works in Bhadrappa Layout and Surrounding in ward no.08, Kodigehalli							
For New Bore well - 1							
Maruthinagara Bhadrappa layout							
Cross road		1	50.00			50.00	
For New Bore well - 2							
Maruthinagara Bhadrappa layout							
6th Cross road		1	50.00			50.00	
					Total Qty	**100.00**	Rmtr
3) 50.00 to 100.00Mtr							
For New Bore well - 1							

Maruthinagara Bhadrappa layout 12th cross						
Cross road	1	50.00			50.00	
For New Bore well - 2						
Maruthinagara Bhadrappa layout 12th cross						
6th Cross road	1	50.00			50.00	
			Total Qty		**100.00**	Rmtr
4) 100.00 to 150.00Mtr						
For New Bore well - 1						
Maruthinagara Bhadrappa layout						
Cross road	1	50.00			50.00	
For New Bore well - 2						
Maruthinagara Bhadrappa layout						
6th Cross road	1	50.00			50.00	
			Total Qty		**100.00**	Rmtr
5) 150.00 to 200.00Mtr						
For New Bore well - 1						
Maruthinagara Bhadrappa layout						
Cross road	1	50.00			50.00	
For New Bore well - 2						
Maruthinagara Bhadrappa layout						
6th Cross road	1	50.00			50.00	
			Total Qty		**100.00**	Rmtr
6) 200.00 to 250.00Mtr						
For New Bore well - 1						
Maruthinagara Bhadrappa layout						
Cross road	1	50.00			50.00	
For New Bore well - 2						
Maruthinagara Bhadrappa layout						
6th Cross road	1	50.00			50.00	
			Total Qty		**100.00**	Rmtr
7) 250.00 to 300.00Mtr						
For New Bore well - 1						
Maruthinagara Bhadrappa layout						
Cross road	1	31.00			31.00	
For New Bore well - 2						

Maruthinagara Bhadrappa layout						
th Cross road	1	33.00			33.00	
			Total Qty		**64.00**	
			Limit to		**60.00**	Rmtr
8) Additional Rate item no.9.1 is allowed for drilling in over burden and fixing casing pipes beyond 20 M (for fixinig casing pipes only **(a) Above 20M upto 30 M, 20.00 to 30.00 mtr**						
For New Bore well - 1						
Maruthinagara Bhadrappa layout						
Cross road	1	10.00			10.00	
For New Bore well - 2						
Maruthinagara Bhadrappa layout						
6th Cross road	1	10.00			10.00	
			Total Qty		**20.00**	Rmtr
9) Above 30.00 mtr						
For New Bore well - 1						
Maruthinagara Bhadrappa layout						
Cross road	1	31.00			31.00	
For New Bore well - 2						
Maruthinagara Bhadrappa layout						
6th Cross road	1	31.00			31.00	
			Total Qty		**62.00**	Rmtr

Asst.Engineer
Ward no.08
BBMP - Bangalore

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Kodigehalli sub Division
BBMP - Bangalore

Assistant Executive Engineer.
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
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BRUHATH BANGALOR MAHANAGARA PALIKE

Executive Engineer Byatarayanapura Division

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1st and Part Bill

Name of Agency : Sri.B.B Umesh

Job Code No :- 008-19-000003

AS/NO:- CE /(YNK) / Admn/167/2019-20	Dt: 09.01.2019
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Work order No. :- BBMP/EE/BTP/WO/185/2019-20	Dt:07.01.2020

Item NO	10	
Item Name	Supplying of ISI Mark 175 mm nominal bore, Plain end steel casing pipe - grade of steel Fee 410 of wall thickness 5.4mm thick confirming to IS 4270:2001 and latest amendments. electric resistance welded steel tube material and confirming to IS 1387/1993 and cmanufactured by basic open hearth electric or basic oxygen process in random length of 5 to 7 mtrs. Both ends threaded confirming to IS 554/1985. one end fixed with socket confirming to IS 4270:2001 and the other end with screwed pipes. All pipes shall be reasonably free from defects. The tubes shall be reasonably straight should be with ISI marking. weighing 25.10kg/mtr. (Inclusive of all taxes and durties) Prices include collar-medium duty	

SL NO	CHAINAGE / Land mark	NO	Length (m)	Bridth (m)	Depth (m)	Qty	Raemarks
Measurement Recorded On :							
2) Providing borewell and pipe line works in Bhadrappa Layout and Surrounding in ward no.08, Kodigehalli							
For New Bore well - 1							
Maruthinagara Bhadrappa layout							
Cross road		1	46.00			46.00	
For For Outer Casing		1	30.00			30.00	
For New Bore well - 2							
Maruthinagara Bhadrappa layout							
6th Cross road		1	46.00			46.00	

For Outer Casing	1	30.00			30.00	
					152.00	
			Total Qty		**152.00**	Mtr

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Kodigehalli sub Division
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Work order No. :- BBMP/EE/BTP/WO/185/2019-20	Dt:07.01.2020

Item NO	11
Item Name	Providing and fixing in trenches galvanised / mild steel tubes (medium grade) nominal bore with all fittings (earth work in trenches to be measured and paid for separately) including cost of all materials, labour charges, HOM and testing complete as per specifications. Specification No.KBS 13.2.14 / 13.6 (Page no.92, item no.13.15)50mm dia

SL NO	CHAINAGE / Land mark	NO	Length (m)	Bridth (m)	Depth (m)	Qty	Raemarks
Measurement Recorded On :							
2) Providing borewell and pipe line works in Bhadrappa Layout and Surrounding in ward no.08, Kodigehalli							
For New Bore well - 1							
	Maruthinagara Bhadrappa layout						
	Cross road	1	268.00			268.00	
For New Bore well - 2							
	Maruthinagara Bhadrappa layout						
	6th Cross road	1	272.00			272.00	
For Existing Borewell							
	Maruthinagara Bhadrappa layout						
	Maruthinagara main road	1	35.00			35.00	
	1st main Maruthinagara						
	4th B Cross road	1	40.00			40.00	

615

2nd main Maruthinagara						
4th cross road	1	45.00			45.00	
					660.00	
			Total Qty		**660.00**	Rmtr

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Item NO	12	
Item Name	Providing 175mm dia MS cap	

SL NO	CHAINAGE / Land mark	NO	Length (m)	Bridth (m)	Depth (m)	Qty	Raemarks
Measurement Recorded On :							
2) Providing borewell and pipe line works in Bhadrappa Layout and Surrounding in ward no.08, Kodigehalli							
For New Bore well - 1							
Maruthinagara Bhadrappa layout							
Cross road		1				1.00	
For New Bore well - 2							
Maruthinagara Bhadrappa layout							
6th Cross road		1				1.00	
For Existing Borewell							
Maruthinagara Bhadrappa layout							
Maruthinagara main road		2				2.00	
1st main Maruthinagara							
4th B Cross road		2				2.00	

2nd main Maruthinagara						
4th cross road	2				2.00	
					8.00	
			Qty Limit to		**8.00**	Each

Assistant Executive Engineer.
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Kodigehalli sub Division
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Item NO	13	
Item Name	Supply and drawing 3 core flat sheathed submersible pump cable manufactured with celectrolytic grade copper with flexible copper conductor confirming to table 3 class 5 of IS 8130-1984 and virgin grade PVC insulation and sheathed suitable for working voltage upto 1100 Volts as per 1x3x4 sqmm of 56 strands 0.3mm dia Group A 2014-15 3Cx4.0Sqmm	

SL NO	CHAINAGE / Land mark	NO	Length (m)	Bridth (m)	Depth (m)	Qty	Raemarks
Measurement Recorded On :							
2) Providing borewell and pipe line works in Bhadrappa Layout and Surrounding in ward no.08, Kodigehalli							
For New Bore well - 1							
	Maruthinagara Bhadrappa layout						
	Cross road	2	280.00			560.00	
For New Bore well - 2							
	Maruthinagara Bhadrappa layout						
	6th Cross road	2	280.00			560.00	
For Existing Borewell							
	Maruthinagara Bhadrappa layout						
	Maruthinagara main road	2	65.00			130.00	
	1st main Maruthinagara						
	4th B Cross road	2	58.00			116.00	

1366

2nd main Maruthinagara						
4th cross road	2	65.00			130.00	
			Total Qty		**1496.00**	
			Qty Limit to		**1495.00**	Mtr

Assistant Executive Engineer.
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Asst.Engineer
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Item NO	14	
Item Name	Atalanta, Suguna, CRI KIRLOSKAR and other equipments pumps 10.00 HP/7.5KV(20 stage)	

SL NO	CHAINAGE / Land mark	NO	Length (m)	Bridth (m)	Depth (m)	Qty	Raemarks
Measurement Recorded On :							
2) Providing borewell and pipe line works in Bhadrappa Layout and Surrounding in ward no.08, Kodigehalli							
For New Bore well - 1							
Maruthinagara Bhadrappa layout							
Cross road	1					1.00	
For New Bore well - 2							
Maruthinagara Bhadrappa layout							
6th Cross road	1					1.00	
For Existing Borewell							
Maruthinagara Bhadrappa layout							
Maruthinagara main road	1					1.00	
1st main Maruthinagara							
4th B Cross road	1					1.00	

				4.00	
			Total Qty	**4.00**	Nos

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Item NO	15
Item Name	Supplying and fixing wiring earth electrode for grounding conduits, I.C cutouts and other equipments on the meter board using 40mm dia 2.90mm thick GI pipe 2.5mtr long buried in a pit ... The pit should be filled with equal proportion of salt and charcoal 150mm all-round the pipe to complete depth. The connection from the pipe to the conduit etc., is to be established through GI wire of size as per ISI specification 7.3.3. of IS 732 using 12mm dia bolts, nuts, washers and check nuts etc., the pipe shall have 16 through holes of 122 mm dia

SL NO	CHAINAGE / Land mark	NO	Length (m)	Bridth (m)	Depth (m)	Qty	Raemarks
Measurement Recorded On :							
2) Providing borewell and pipe line works in Bhadrappa Layout and Surrounding in ward no.08, Kodigehalli							
For New Bore well - 1							
	Maruthinagara Bhadrappa layout						
	Cross road	1				1.00	
For New Bore well - 2							
	Maruthinagara Bhadrappa layout						
	6th Cross road	1				1.00	
For Existing Borewell							
	Maruthinagara Bhadrappa layout						
	Maruthinagara main road	2				2.00	
	1st main Maruthinagara						

4th B Cross road	2				2.00	
2nd main Maruthinagara						
4th cross road	2				2.00	
	4				4.00	
					12.00	
			Total Qty		**12.00**	Each

Assistant Executive Engineer.
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Item NO	16	
Item Name	Supplying and fixing 20"x20"x2.5" polished wood board made up not less than 15mm thick plank with front plank one end provided for olding at other end fixing the same of the valve using through bolts and nuts	

SL NO	CHAINAGE / Land mark	NO	Length (m)	Bridth (m)	Depth (m)	Qty	Raemarks
Measurement Recorded On :							
2) Providing borewell and pipe line works in Bhadrappa Layout and Surrounding in ward no.08, Kodigehalli							
For New Bore well - 1							
	Maruthinagara Bhadrappa layout						
	Cross road	1				1.00	
For New Bore well - 2							
	Maruthinagara Bhadrappa layout						
	6th Cross road	1				1.00	
For Existing Borewell							
	Maruthinagara Bhadrappa layout						
	Maruthinagara main road	2				2.00	
	1st main Maruthinagara						
	4th B Cross road	2				2.00	

6

2nd main Maruthinagara							
4th cross road			2			2.00	
			4			4.00	
			2			2.00	
						14.00	
					Total Qty	**14.00**	Each

Assistant Executive Engineer.
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

Asst.Engineer
Ward no.08
BBMP - Bangalore

Asst.Executive Engineer
Kodigehalli sub Division
BBMP - Bangalore

Assistant Executive Engineer.
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

BRUHATH BANGALOR MAHANAGARA PALIKE

Executive Engineer Byatarayanapura Division

Name Of Work :- **Package-3**, includes 7 works of Rs.85.00 Lakhs 1) Improvements to Parks in Kodigehalli ward no.08, 2) Providing Borewell and pipeline work in Bhadrappa layout and surrounding in ward no.08 Kodigehalli, 3) Supply of water through water tank at Balaji layout and Bhadrappa layout at Kodigehalli in ward no.08, 4) Supply of water through water tank at Kodigehalli Maruthinagara and BB Nagara area at Kodigehalli in ward no.08, 5) Replace of old UGD pipe line at Kodigehalli in ward no.08, 6) Improvements of roads and desilting at Devinagara and surrounding area at Kodigehalli in ward no.08 7) Providing and fixing CC TV at Block spot in Kodigehalli ward no.08 Indent 34188

1st and Part Bill

Name of Agency : Sri.B.B Umesh

Job Code No :- 008-19-000003

AS/NO:- CE /(YNK) / Admn/167/2019-20	Dt: 09.01.2019
TS/NO:- CE(YNK)/TS/246/2019-20	Dt: 09.01.2019
Work order No. :- BBMP/EE/BTP/WO/185/2019-20	Dt:07.01.2020

Item NO	**17**
Item Name	Supplying of 1.1 KV LTUG Cable having alluminium conductor PVC insulated extruded inner sheathed , galvanized, steel strip (except 2C X 10sq.mm wire armoured) confirming to IS-3975:1990(No.of Strip indicated in GTP) & extruded PVC outer sheathed armored cable with specified IS-1554 Part-1:1988 & confirming to GTP of GROUP-A.4 core 16 sqmm

SL NO	CHAINAGE / Land mark	NO	Length (m)	Bridth (m)	Depth (m)	Qty	Raemarks
Measurement Recorded On :							
2) Providing borewell and pipe line works in Bhadrappa Layout and Surrounding in ward no.08, Kodigehalli							
For New Bore well - 1							
	Maruthinagara Bhadrappa layout						
	Cross road	1	10.00			10.00	
For New Bore well - 2							
	Maruthinagara Bhadrappa layout						
	6th Cross road	1	10.00			10.00	
						20.00	
				Total Qty		**20.00**	Mtr

Assistant Executive Engineer,
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Asst.Engineer
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Asst.Executive Engineer
Kodigehalli sub Division
BBMP - Bangalore

-20-

BRUHATH BANGALOR MAHANAGARA PALIKE

Executive Engineer Byatarayanapura Division

Name Of Work :- **Package-3**, includes 7 works of Rs.85.00 Lakhs 1) Improvements to Parks in Kodigehalli ward no.08, 2) Providing Borewell and pipeline work in Bhadrappa layout and surrounding in ward no.08 Kodigehalli, 3) Supply of water through water tank at Balaji layout and Bhadrappa layout at Kodigehalli in ward no.08, 4) Supply of water through water tank at Kodigehalli Maruthinagara and BB Nagara area at Kodigehalli in ward no.08, 5) Replace of old UGD pipe line at Kodigehalli in ward no.08, 6) Improvements of roads and desilting at Devinagara and surrounding area at Kodigehalli in ward no.08 7) Providing and fixing CC TV at Block spot in Kodigehalli ward no.08 Indent 34188

1st and Part Bill

Name of Agency : Sri.B.B Umesh

Job Code No :- 008-19-000003

AS/NO:- CE /(YNK) / Admn/167/2019-20	Dt: 09.01.2019
TS/NO:- CE(YNK)/TS/246/2019-20	Dt: 09.01.2019
Work order No. :- BBMP/EE/BTP/WO/185/2019-20	Dt:07.01.2020

Item NO	18	
Item Name	Labour charges for laying of 1.1 KV class UG cable in existing trench GI pipe / stoneware pipe/on wall/on poles as required. In existing trench/duct. 6 sqmm to 16sqmm	

SL NO	CHAINAGE / Land mark	NO	Length (m)	Bridth (m)	Depth (m)	Qty	Raemarks
Measurement Recorded On :							
2) Providing borewell and pipe line works in Bhadrappa Layout and Surrounding in ward no.08, Kodigehalli							
For New Bore well - 1							
	Maruthinagara Bhadrappa layout						
	Cross road	1	10.00			10.00	
For New Bore well - 2							
	Maruthinagara Bhadrappa layout						
	6th Cross road	1	10.00			10.00	
						20.00	
				Total Qty		**20.00**	Mtr

Assistant Executive Engineer.
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BBMP - Bangalore

Asst.Executive Engineer
Kodigehalli sub Division
BBMP - Bangalore

BRUHATH BANGALOR MAHANAGARA PALIKE

Executive Engineer Byatarayanapura Division

Name Of Work :- **Package-3**, includes 7 works of Rs.85.00 Lakhs 1) Improvements to Parks in Kodigehalli ward no.08, 2) Providing Borewell and pipeline work in Bhadrappa layout and surrounding in ward no.08 Kodigehalli, 3) Supply of water through water tank at Balaji layout and Bhadrappa layout at Kodigehalli in ward no.08, 4) Supply of water through water tank at Kodigehalli Maruthinagara and BB Nagara area at Kodigehalli in ward no.08, 5) Replace of old UGD pipe line at Kodigehalli in ward no.08, 6) Improvements of roads and desilting at Devinagara and surrounding area at Kodigehalli in ward no.08 7) Providing and fixing CC TV at Block spot in Kodigehalli ward no.08 Indent 34188

1st and Part Bill

Name of Agency : Sri.B.B Umesh

Job Code No :- 008-19-000003

AS/NO:- CE /(YNK) / Admn/167/2019-20	Dt: 09.01.2019
TS/NO:- CE(YNK)/TS/246/2019-20	Dt: 09.01.2019
Work order No. :- BBMP/EE/BTP/WO/185/2019-20	Dt:07.01.2020

Item NO	19	
Item Name	Supplying and fixing of procelin fuse channel with cutouts on existing wooden/panel using necessary nuts, bolts and washers. 63Amps	

SL NO	CHAINAGE / Land mark	NO	Length (m)	Bridth (m)	Depth (m)	Qty	Raemarks
Measurement Recorded On :							
2) Providing borewell and pipe line works in Bhadrappa Layout and Surrounding in ward no.08, Kodigehalli							
For New Bore well - 1							
Maruthinagara Bhadrappa layout							
Cross road		1				1.00	
For New Bore well - 2							
Maruthinagara Bhadrappa layout							
6th Cross road		1				1.00	
For Existing Borewell							
Maruthinagara Bhadrappa layout							
Maruthinagara main road		2				2.00	
1st main Maruthinagara							
4th B Cross road		2				2.00	
2nd main Maruthinagara							

4th cross road			2				2.00	
			2				2.00	
			2				2.00	
							12.00	
					Total Qty		**12.00**	Each

Asst.Engineer
Ward no.08
BBMP - Bangalore

Assistant Executive Engineer,
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Yelahanka Zone, B.B.M.P.,
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Kodigehalli sub Division
BBMP - Bangalore

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

BRUHATH BANGALOR MAHANAGARA PALIKE

Executive Engineer Byatarayanapura Division

Name Of Work :- **Package-3**, includes 7 works of Rs.85.00 Lakhs 1) Improvements to Parks in Kodigehalli ward no.08, 2) Providing Borewell and pipeline work in Bhadrappa layout and surrounding in ward no.08 Kodigehalli, 3) Supply of water through water tank at Balaji layout and Bhadrappa layout at Kodigehalli in ward no.08, 4) Supply of water through water tank at Kodigehalli Maruthinagara and BB Nagara area at Kodigehalli in ward no.08, 5) Replace of old UGD pipe line at Kodigehalli in ward no.08, 6) Improvements of roads and desilting at Devinagara and surrounding area at Kodigehalli in ward no.08 7) Providing and fixing CC TV at Block spot in Kodigehalli ward no.08 Indent 34188

1st and Part Bill

Name of Agency : Sri.B.B Umesh

Job Code No :- 008-19-000003

AS/NO:- CE /(YNK) / Admn/167/2019-20	Dt: 09.01.2019
TS/NO:- CE(YNK)/TS/246/2019-20	Dt: 09.01.2019
Work order No. :- BBMP/EE/BTP/WO/185/2019-20	Dt:07.01.2020

Item NO	20	
Item Name	Providing and fixing in position 50mm nominal bore non-return valve vertical type of approved make including cost of all materials, labour and HOM of equipments with all leads complete as per specifications	

SL NO	CHAINAGE / Land mark	NO	Length (m)	Bridth (m)	Depth (m)	Qty	Raemarks
Measurement Recorded On :							
2) Providing borewell and pipe line works in Bhadrappa Layout and Surrounding in ward no.08, Kodigehalli							
For New Bore well - 1							
Maruthinagara Bhadrappa layout							
Cross road		1				1.00	
For New Bore well - 2							
Maruthinagara Bhadrappa layout							
6th Cross road		1				1.00	
For Existing Borewell							
Maruthinagara Bhadrappa layout							
Maruthinagara main road		2				2.00	
1st main Maruthinagara							

4th B Cross road			2			2.00	
2nd main Maruthinagara							
4th cross road			2			2.00	
			2			2.00	
			4			4.00	
						14.00	
					Total Qty	**14.00**	Nos

Assistant Executive Engineer,
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Asst.Engineer
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BBMP - Bangalore

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Kodigehalli sub Division
BBMP - Bangalore

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

BRUHATH BANGALOR MAHANAGARA PALIKE

Executive Engineer Byatarayanapura Division

Name Of Work :- **Package-3**, includes 7 works of Rs.85.00 Lakhs 1) Improvements to Parks in Kodigehalli ward no.08, 2) Providing Borewell and pipeline work in Bhadrappa layout and surrounding in ward no.08 Kodigehalli, 3) Supply of water through water tank at Balaji layout and Bhadrappa layout at Kodigehalli in ward no.08, 4) Supply of water through water tank at Kodigehalli Maruthinagara and BB Nagara area at Kodigehalli in ward no.08, 5) Replace of old UGD pipe line at Kodigehalli in ward no.08, 6) Improvements of roads and desilting at Devinagara and surrounding area at Kodigehalli in ward no.08 7) Providing and fixing CC TV at Block spot in Kodigehalli ward no.08 Indent 34188

1st and Part Bill

Name of Agency : Sri.B.B Umesh

Job Code No :- 008-19-000003

AS/NO:- CE /(YNK) / Admn/167/2019-20	Dt: 09.01.2019
TS/NO:- CE(YNK)/TS/246/2019-20	Dt: 09.01.2019
Work order No. :- BBMP/EE/BTP/WO/185/2019-20	Dt:07.01.2020

Item NO	**21**
Item Name	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898. 40-63Amps TPN

SL NO	CHAINAGE / Land mark	NO	Length (m)	Bridth (m)	Depth (m)	Qty	Raemarks
Measurement Recorded On :							
2) Providing borewell and pipe line works in Bhadrappa Layout and Surrounding in ward no.08, Kodigehalli							
For New Bore well - 1							
	Maruthinagara Bhadrappa layout						
	Cross road	1				1.00	
For New Bore well - 2							
	Maruthinagara Bhadrappa layout						
	6th Cross road	1				1.00	
For Existing Borewell							
	Maruthinagara Bhadrappa layout						
	Maruthinagara main road	2				2.00	
	1st main Maruthinagara						
	4th B Cross road	2				2.00	
	2nd main Maruthinagara						

4th cross road			2				2.00	
			2				2.00	
			2				2.00	
							12.00	
					Total Qty		**12.00**	Each

Assistant Executive Engineer.
Kodigehalli Sub Division,
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Asst.Engineer
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BBMP - Bangalore

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Kodigehalli sub Division
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Assistant Executive Engineer.
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
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BRUHATH BANGALOR MAHANAGARA PALIKE

Executive Engineer Byatarayanapura Division

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1st and Part Bill

Name of Agency : Sri.B.B Umesh

Job Code No :- 008-19-000003

AS/NO:- CE /(YNK) / Admn/167/2019-20	Dt: 09.01.2019
TS/NO:- CE(YNK)/TS/246/2019-20	Dt: 09.01.2019
Work order No. :- BBMP/EE/BTP/WO/185/2019-20	Dt:07.01.2020

Item NO	**22**
Item Name	Cutting of road surface for pipeline trenches and disposing of the excavated stuff as directed including barricading, danger lighting etc., in the Cement concrete road including cost of materials, labour, HOM complete as per specifications

SL NO	CHAINAGE / Land mark	NO	Length (m)	Bridth (m)	Depth (m)	Qty	Raemarks
Measurement Recorded On :							
2) Providing borewell and pipe line works in Bhadrappa Layout and Surrounding in ward no.08, Kodigehalli							
For Pipe line surface							
Maruthinagara 12th main Bhadrappa layout							
Maruthinagara main road		1	30.00	0.60	0.15	2.70	
		1	27.00	0.60	0.15	2.43	
11th B Cross road		1	30.00	0.60	0.15	2.70	
		1	21.00	0.60	0.15	1.89	
12th cross road		1	30.00	0.60	0.15	2.70	
		1	30.00	0.60	0.15	2.70	
		1	30.00	0.60	0.15	2.70	
		1	2.00	0.60	0.15	0.18	

Cross road	1	25.00	0.60	0.15	2.25	
	1	30.00	0.60	0.15	2.70	
	1	30.00	0.60	0.15	2.70	
	1	30.00	0.60	0.15	2.70	
	1	30.00	0.60	0.15	2.70	
	1	3.00	0.60	0.15	0.27	
Cross road	1	16.00	0.60	0.15	1.44	
	1	30.00	0.60	0.15	2.70	
	1	30.00	0.60	0.15	2.70	
	1	6.00	0.60	0.15	0.54	
Maruthinagara 2nd Main road						
	1	30.00	0.60	0.15	2.70	
	1	30.00	0.60	0.15	2.70	
	1	30.00	0.60	0.15	2.70	
	1	1.00	0.60	0.15	0.09	
7th cross road	1	30.00	0.60	0.15	2.70	
	1	20.00	0.60	0.15	1.80	
6th cross road	2	30.00	0.60	0.15	5.40	
	2	24.00	0.60	0.15	4.32	
5th cross road	1	30.00	0.60	0.15	2.70	
	1	30.00	0.60	0.15	2.70	
	1	23.00	0.60	0.15	2.07	
4th cross road	1	30.00	0.60	0.15	2.70	
	1	30.00	0.60	0.15	2.70	
	1	28.00	0.60	0.15	2.52	
			Total QTy		76.50	
			Qty Limit to		**75.24**	
			Total Qty		**75.24**	**Cum**

Assistant Executive Engineer
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
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Asst.Engineer
Ward no.08
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Kodigehalli sub Division
BBMP - Bangalore

Assistant Executive Engineer
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.
Bangalore

BRUHATH BANGALOR MAHANAGARA PALIKE

Executive Engineer Byatarayanapura Division

Name Of Work :- **Package-3**, includes 7 works of Rs.85.00 Lakhs 1) Improvements to Parks in Kodigehalli ward no.08, 2) Providing Borewell and pipeline work in Bhadrappa layout and surrounding in ward no.08 Kodigehalli, 3) Supply of water through water tank at Balaji layout and Bhadrappa layout at Kodigehalli in ward no.08, 4) Supply of water through water tank at Kodigehalli Maruthinagara and BB Nagara area at Kodigehalli in ward no.08, 5) Replace of old UGD pipe line at Kodigehalli in ward no.08, 6) Improvements of roads and desilting at Devinagara and surrounding area at Kodigehalli in ward no.08 7) Providing and fixing CC TV at Block spot in Kodigehalli ward no.08 Indent 34188

1st and Part Bill

Name of Agency : Sri.B.B Umesh

Job Code No :- 008-19-000003

AS/NO:- CE /(YNK) / Admn/167/2019-20	Dt: 09.01.2019
TS/NO:- CE(YNK)/TS/246/2019-20	Dt: 09.01.2019
Work order No. :- BBMP/EE/BTP/WO/185/2019-20	Dt:07.01.2020

Item NO	**23**
Item Name	Earthwork excavation by manual means in hard soil for foundation of buildings, water supply and sanitary lines and electrical conduits etc, either in pits or in trenches 1.5m and above in width, in soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. including breaking of clods complete as per specifications.

SL NO	CHAINAGE / Land mark	NO	Length (m)	Bridth (m)	Depth (m)	Qty	Raemarks
Measurement Recorded On :							
2) Providing borewell and pipe line works in Bhadrappa Layout and Surrounding in ward no.08, Kodigehalli							
For Pipe line surface							
Maruthinagara 12th main Bhadrappa layout							
Maruthinagara main road		1	30.00	0.60	0.60	10.80	
		1	27.00	0.60	0.60	9.72	
11th B Cross road		1	30.00	0.60	0.60	10.80	

31.32

	1	21.00	0.60	0.60	7.56	
12th cross road	1	30.00	0.60	0.60	10.80	
	1	30.00	0.60	0.60	10.80	
	1	30.00	0.60	0.60	10.80	
	1	2.00	0.60	0.60	0.72	
Cross road	1	25.00	0.60	0.60	9.00	
	1	30.00	0.60	0.60	10.80	
	1	30.00	0.60	0.60	10.80	
	1	30.00	0.60	0.60	10.80	
	1	30.00	0.60	0.60	10.80	
	1	3.00	0.60	0.60	1.08	
Cross road	1	16.00	0.60	0.60	5.76	
	1	30.00	0.60	0.60	10.80	
	1	30.00	0.60	0.60	10.80	
	1	6.00	0.60	0.60	2.16	
For Taps	30	0.45	0.45	0.60	3.65	
Maruthinagara 2nd Main road						
	1	30.00	0.60	0.60	10.80	
	1	30.00	0.60	0.60	10.80	
	1	30.00	0.60	0.60	10.80	
	1	1.00	0.60	0.60	0.36	
7th cross road	1	30.00	0.60	0.60	10.80	
	1	20.00	0.60	0.60	7.20	
6th cross road	2	30.00	0.60	0.60	21.60	
	2	24.00	0.60	0.60	17.28	
5th cross road	1	30.00	0.60	0.60	10.80	
	1	30.00	0.60	0.60	10.80	
	1	23.00	0.60	0.60	8.28	
4th cross road	1	30.00	0.60	0.60	10.80	
	1	30.00	0.60	0.60	10.80	

268.25

	1	28.00	0.60	0.60	10.08	
For Taps	30	0.45	0.45	0.60	3.65	13.73
			Total QTy		313.29	
			Qty Limit to		**310.07**	
			Total Qty		**310.07**	**Cum**

Assistant Executive Engineer.
Kodigehalli Sub Division,
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Asst.Engineer
Ward no.08
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Kodigehalli sub Division
BBMP - Bangalore

Assistant Executive Engineer.
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

BRUHATH BANGALOR MAHANAGARA PALIKE

Executive Engineer Byatarayanapura Division

Name Of Work :- **Package-3**, includes 7 works of Rs.85.00 Lakhs 1) Improvements to Parks in Kodigehalli ward no.08, 2) Providing Borewell and pipeline work in Bhadrappa layout and surrounding in ward no.08 Kodigehalli, 3) Supply of water through water tank at Balaji layout and Bhadrappa layout at Kodigehalli in ward no.08, 4) Supply of water through water tank at Kodigehalli Maruthinagara and BB Nagara area at Kodigehalli in ward no.08, 5) Replace of old UGD pipe line at Kodigehalli in ward no.08, 6) Improvements of roads and desilting at Devinagara and surrounding area at Kodigehalli in ward no.08 7) Providing and fixing CC TV at Block spot in Kodigehalli ward no.08 Indent 34188

1st and Part Bill

Name of Agency : Sri.B.B Umesh

Job Code No :- 008-19-000003

AS/NO:- CE /(YNK) / Admn/167/2019-20	Dt: 09.01.2019
TS/NO:- CE(YNK)/TS/246/2019-20	Dt: 09.01.2019
Work order No. :- BBMP/EE/BTP/WO/185/2019-20	Dt:07.01.2020

Item NO	24	
Item Name	Supplying PVC ring tight pipes conforming to IS 4985:2000 with latest amendments and conveying to worksite rolling and lowering into trenches laying true line and level and perfect linking at joints testing and commissioning including loading and unloading at both destination and cuts of pipes wherever necessary including jointing of PVC pipes and specials (excluding cost of specials) with jointing of approval type with all labour with all lead and lift including encasing the pipe alround to a depth of not less than 15 cms with soft gravel or selected earth available from the excavation etc., compelte and giving necessary hydraluic test to the required pressure as per IS (Contractor will make his own arrangement for procuring water for testing)	

SL NO	CHAINAGE / Land mark	NO	Length (m)	Bridth (m)	Depth (m)	Qty	Raemarks
Measurement Recorded On :							
2) Providing borewell and pipe line works in Bhadrappa Layout and Surrounding in ward no.08, Kodigehalli							
For Pipe line surface							
Maruthinagara 12th main Bhadrappa layout							
Maruthinagara main road		1	30.00			30.00	
		1	27.00			27.00	

57

11th B Cross road	1	30.00			30.00	
	1	21.00			21.00	
12th cross road	1	30.00			30.00	
	1	30.00			30.00	
	1	30.00			30.00	
	1	2.00			2.00	
Cross road	1	25.00			25.00	
	1	30.00			30.00	
	1	30.00			30.00	
	1	30.00			30.00	
	1	30.00			30.00	
	1	3.00			3.00	
Cross road	1	16.00			16.00	
	1	30.00			30.00	
	1	30.00			30.00	
	1	6.00			6.00	
Maruthinagara 2nd Main road						
	1	30.00			30.00	
	1	30.00			30.00	
	1	30.00			30.00	
	1	1.00			1.00	
7th cross road	1	30.00			30.00	
	1	20.00			20.00	
6th cross road	2	30.00			60.00	
	2	24.00			48.00	
5th cross road	1	30.00			30.00	
	1	30.00			30.00	
	1	23.00			23.00	
4th cross road	1	30.00			30.00	
	1	30.00			30.00	

	1	28.00			28.00	
			Total QTy		850.00	
			Qty Limit to		**836.00**	
			Total Qty		**836.00**	**Mtr**

Assistant Executive Engineer.
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

Asst.Engineer
Ward no.08
BBMP - Bangalore

Asst.Executive Engineer
Kodigehalli sub Division
BBMP - Bangalore

Assistant Executive Engineer.
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

BRUHATH BANGALOR MAHANAGARA PALIKE

Executive Engineer Byatarayanapura Division

Name Of Work :- **Package-3**, includes 7 works of Rs.85.00 Lakhs 1) Improvements to Parks in Kodigehalli ward no.08, 2) Providing Borewell and pipeline work in Bhadrappa layout and surrounding in ward no.08 Kodigehalli, 3) Supply of water through water tank at Balaji layout and Bhadrappa layout at Kodigehalli in ward no.08, 4) Supply of water through water tank at Kodigehalli Maruthinagara and BB Nagara area at Kodigehalli in ward no.08, 5) Replace of old UGD pipe line at Kodigehalli in ward no.08, 6) Improvements of roads and desilting at Devinagara and surrounding area at Kodigehalli in ward no.08 7) Providing and fixing CC TV at Block spot in Kodigehalli ward no.08 Indent 34188

1st and Part Bill

Name of Agency : Sri.B.B Umesh

Job Code No :- 008-19-000003

AS/NO:- CE /(YNK) / Admn/167/2019-20	Dt: 09.01.2019
TS/NO:- CE(YNK)/TS/246/2019-20	Dt: 09.01.2019
Work order No. :- BBMP/EE/BTP/WO/185/2019-20	Dt:07.01.2020

Item NO	25	
Item Name	Refilling available earth around pipe lines, cables in layers not exceeding 20cms in depth, compacting each deposited layer by ramming after watering with lead upto 50m. and lift upto 1.5 m. including cost of all labour complete as per specifications	

SL NO	CHAINAGE / Land mark	NO	Length (m)	Bridth (m)	Depth (m)	Qty	Raemarks
Measurement Recorded On :							
2) Providing borewell and pipe line works in Bhadrappa Layout and Surrounding in ward no.08, Kodigehalli							
For Pipe line surface							
Maruthinagara 12th main Bhadrappa layout							
Maruthinagara main road		1	30.00	0.60	0.30	5.40	
		1	27.00	0.60	0.30	4.86	
11th B Cross road		1	30.00	0.60	0.30	5.40	
		1	21.00	0.60	0.30	3.78	
12th cross road		1	30.00	0.60	0.30	5.40	
		1	30.00	0.60	0.30	5.40	
		1	30.00	0.60	0.30	5.40	
		1	2.00	0.60	0.30	0.36	

Cross road	1	25.00	0.60	0.30	4.50	
	1	30.00	0.60	0.30	5.40	
	1	30.00	0.60	0.30	5.40	
	1	30.00	0.60	0.30	5.40	
	1	30.00	0.60	0.30	5.40	
	1	3.00	0.60	0.30	0.54	
Cross road	1	16.00	0.60	0.30	2.88	
	1	30.00	0.60	0.30	5.40	
	1	30.00	0.60	0.30	5.40	
	1	6.00	0.60	0.30	1.08	
Maruthinagara 2nd Main road						
	1	30.00	0.60	0.30	5.40	
	1	30.00	0.60	0.30	5.40	
	1	30.00	0.60	0.30	5.40	
	1	1.00	0.60	0.30	0.18	
7th cross road	1	30.00	0.60	0.30	5.40	
	1	20.00	0.60	0.30	3.60	
6th cross road	2	30.00	0.60	0.30	10.80	
	2	24.00	0.60	0.30	8.64	
5th cross road	1	30.00	0.60	0.30	5.40	
	1	30.00	0.60	0.30	5.40	
	1	23.00	0.60	0.30	4.14	
4th cross road	1	30.00	0.60	0.30	5.40	
	1	30.00	0.60	0.30	5.40	
	1	28.00	0.60	0.30	5.04	117
			Total QTy		153.00	
			Qty Limit to		**150.48**	
			Total Qty		**150.48**	**Cum**

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

Asst. Engineer
Ward no.08
BBMP - Bangalore

Asst.Executive Engineer
Kodigehalli sub Division
BBMP - Bangalore

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

BRUHATH BANGALOR MAHANAGARA PALIKE

Executive Engineer Byatarayanapura Division

Name Of Work :- **Package-3**, includes 7 works of Rs.85.00 Lakhs 1) Improvements to Parks in Kodigehalli ward no.08, 2) Providing Borewell and pipeline work in Bhadrappa layout and surrounding in ward no.08 Kodigehalli, 3) Supply of water through water tank at Balaji layout and Bhadrappa layout at Kodigehalli in ward no.08, 4) Supply of water through water tank at Kodigehalli Maruthinagara and BB Nagara area at Kodigehalli in ward no.08, 5) Replace of old UGD pipe line at Kodigehalli in ward no.08, 6) Improvements of roads and desilting at Devinagara and surrounding area at Kodigehalli in ward no.08 7) Providing and fixing CC TV at Block spot in Kodigehalli ward no.08 Indent 34188

1st and Part Bill

Name of Agency : Sri.B.B Umesh

Job Code No :- 008-19-000003

AS/NO:- CE /(YNK) / Admn/167/2019-20	Dt: 09.01.2019
TS/NO:- CE(YNK)/TS/246/2019-20	Dt: 09.01.2019
Work order No. :- BBMP/EE/BTP/WO/185/2019-20	Dt:07.01.2020

Item NO	26	
Item Name	Providing and laying in position plain cement concrete of Mix 1:4:8 with OPC @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, including cost of all materials, labour, HOM curing complete as per specifications. Specification No. KBS 4.1, 4.2.	

SL NO	CHAINAGE / Land mark	NO	Length (m)	Bridth (m)	Depth (m)	Qty	Raemarks
Measurement Recorded On :							
2) Providing borewell and pipe line works in Bhadrappa Layout and Surrounding in ward no.08, Kodigehalli							
For Pipe line surface							
Maruthinagara 12th main Bhadrappa layout							
Maruthinagara main road		1	30.00	0.60	0.15	2.70	
		1	27.00	0.60	0.15	2.43	
11th B Cross road		1	30.00	0.60	0.15	2.70	
		1	21.00	0.60	0.15	1.89	
12th cross road		1	30.00	0.60	0.15	2.70	
		1	30.00	0.60	0.15	2.70	
		1	30.00	0.60	0.15	2.70	

17.82

	1	2.00	0.60	0.15	0.18	
Cross road	1	25.00	0.60	0.15	2.25	
	1	30.00	0.60	0.15	2.70	
	1	30.00	0.60	0.15	2.70	
	1	30.00	0.60	0.15	2.70	
	1	30.00	0.60	0.15	2.70	
	1	3.00	0.60	0.15	0.27	
Cross road	1	16.00	0.60	0.15	1.44	
	1	30.00	0.60	0.15	2.70	
	1	30.00	0.60	0.15	2.70	
	1	6.00	0.60	0.15	0.54	
Maruthinagara 2nd Main road						
	1	30.00	0.60	0.15	2.70	
	1	30.00	0.60	0.15	2.70	
	1	30.00	0.60	0.15	2.70	
	1	1.00	0.60	0.15	0.09	
7th cross road	1	30.00	0.60	0.15	2.70	
	1	20.00	0.60	0.15	1.80	
6th cross road	2	30.00	0.60	0.15	5.40	
	2	24.00	0.60	0.15	4.32	
5th cross road	1	30.00	0.60	0.15	2.70	
	1	30.00	0.60	0.15	2.70	
	1	23.00	0.60	0.15	2.07	
4th cross road	1	30.00	0.60	0.15	2.70	
	1	30.00	0.60	0.15	2.70	
	1	28.00	0.60	0.15	2.52	58.68
			Total QTy		76.50	
			Qty Limit to		**75.24**	
			Total Qty		**75.24**	**Cum**

CEFC 22/07

CEFC 22/07

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

Asst.Engineer
Ward no.08
BBMP - Bangalore

Asst.Executive Engineer
Kodigehalli sub Division
BBMP - Bangalore

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

BRUHATH BANGALOR MAHANAGARA PALIKE

Executive Engineer Byatarayanapura Division

Name Of Work :- **Package-3**, includes 7 works of Rs.85.00 Lakhs 1) Improvements to Parks in Kodigehalli ward no.08, 2) Providing Borewell and pipeline work in Bhadrappa layout and surrounding in ward no.08 Kodigehalli, 3) Supply of water through water tank at Balaji layout and Bhadrappa layout at Kodigehalli in ward no.08, 4) Supply of water through water tank at Kodigehalli Maruthinagara and BB Nagara area at Kodigehalli in ward no.08, 5) Replace of old UGD pipe line at Kodigehalli in ward no.08, 6) Improvements of roads and desilting at Devinagara and surrounding area at Kodigehalli in ward no.08 7) Providing and fixing CC TV at Block spot in Kodigehalli ward no.08 Indent 34188

1st and Part Bill

Name of Agency : Sri.B.B Umesh

Job Code No :- 008-19-000003

AS/NO:- CE /(YNK) / Admn/167/2019-20	Dt: 09.01.2019
TS/NO:- CE(YNK)/TS/246/2019-20	Dt: 09.01.2019
Work order No. :- BBMP/EE/BTP/WO/185/2019-20	Dt:07.01.2020

Item NO	**27**
Item Name	Providing and laying in position plain cement concrete of Mix 1:2:4 with OPC @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregtes @ 0.53cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM curing complete as per specifications.

SL NO	CHAINAGE / Land mark	NO	Length (m)	Bridth (m)	Depth (m)	Qty	Raemarks
Measurement Recorded On :							
2) Providing borewell and pipe line works in Bhadrappa Layout and Surrounding in ward no.08, Kodigehalli							
For Pipe line surface							
Maruthinagara 12th main Bhadrappa layout							
Maruthinagara main road		1	30.00	0.60	0.10	1.80	
		1	27.00	0.60	0.10	1.62	
11th B Cross road		1	30.00	0.60	0.10	1.80	
		1	21.00	0.60	0.10	1.26	
12th cross road		1	30.00	0.60	0.10	1.80	
		1	30.00	0.60	0.10	1.80	
		1	30.00	0.60	0.10	1.80	

11.88

40

	1	2.00	0.60	0.10	0.12	
Cross road	1	25.00	0.60	0.10	1.50	
	1	30.00	0.60	0.10	1.80	
	1	30.00	0.60	0.10	1.80	
	1	30.00	0.60	0.10	1.80	
	1	30.00	0.60	0.10	1.80	
	1	3.00	0.60	0.10	0.18	
Cross road	1	16.00	0.60	0.10	0.96	
	1	30.00	0.60	0.10	1.80	
	1	30.00	0.60	0.10	1.80	
	1	6.00	0.60	0.10	0.36	
Maruthinagara 2nd Main road						
	1	30.00	0.60	0.10	1.80	
	1	30.00	0.60	0.10	1.80	
	1	30.00	0.60	0.10	1.80	
	1	1.00	0.60	0.10	0.06	
7th cross road	1	30.00	0.60	0.10	1.80	
	1	20.00	0.60	0.10	1.20	
6th cross road	2	30.00	0.60	0.10	3.60	
	2	24.00	0.60	0.10	2.88	
5th cross road	1	30.00	0.60	0.10	1.80	
	1	30.00	0.60	0.10	1.80	
	1	23.00	0.60	0.10	1.38	
4th cross road	1	30.00	0.60	0.10	1.80	
	1	30.00	0.60	0.10	1.80	
	1	28.00	0.60	0.10	1.68	
			Total QTy		51.00	
			Qty Limit to		**50.16**	
			Total Qty		**50.16**	**Cum**

Asst.Engineer
Ward no.08
BBMP - Bangalore

Assistant Executive Engineer.
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

Asst.Executive Engineer
Kodigehalli sub Division
BBMP - Bangalore

Assistant Executive Engineer.
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

BRUHATH BANGALOR MAHANAGARA PALIKE

Executive Engineer Byatarayanapura Division

Name Of Work :- **Package-3**, includes 7 works of Rs.85.00 Lakhs 1) Improvements to Parks in Kodigehalli ward no.08, 2) Providing Borewell and pipeline work in Bhadrappa layout and surrounding in ward no.08 Kodigehalli, 3) Supply of water through water tank at Balaji layout and Bhadrappa layout at Kodigehalli in ward no.08, 4) Supply of water through water tank at Kodigehalli Maruthinagara and BB Nagara area at Kodigehalli in ward no.08, 5) Replace of old UGD pipe line at Kodigehalli in ward no.08, 6) Improvements of roads and desilting at Devinagara and surrounding area at Kodigehalli in ward no.08 7) Providing and fixing CC TV at Block spot in Kodigehalli ward no.08 Indent 34188

1st and Part Bill

Name of Agency : Sri.B.B Umesh

Job Code No :- 008-19-000003

AS/NO:- CE /(YNK) / Admn/167/2019-20	Dt: 09.01.2019
TS/NO:- CE(YNK)/TS/246/2019-20	Dt: 09.01.2019
Work order No. :- BBMP/EE/BTP/WO/185/2019-20	Dt:07.01.2020

Item NO	28	
Item Name	Providing and fixing chorinated poly vinyl Chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement and testing of joints complete. (internal work exposed on wall) (Page No.98, Item No. 13.85.2)20mm nominal OD pipes	

SL NO	CHAINAGE / Land mark	NO	Length (m)	Bridth (m)	Depth (m)	Qty	Raemarks
Measurement Recorded On :							
2) Providing borewell and pipe line works in Bhadrappa Layout and Surrounding in ward no.08, Kodigehalli							
For Pipe line surface							
	12th Main road Maruthinagara Bhadrappa Layout						
	For Taps	30	1.20			36.00	
	6th Cross Maruthinagara Bhadrappa Layout						
	For Taps	30	1.20			36.00	
						72.00	
				Total Qty		**72.00**	**Rmtr**

Asst.Engineer
Ward no.08
BBMP - Bangalore

Assistant Executive Engineer
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

Asst.Executive Engineer
Kodigehalli sub Division
BBMP - Bangalore

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

42

BRUHATH BANGALOR MAHANAGARA PALIKE

Executive Engineer Byatarayanapura Division

Name Of Work :- **Package-3**, includes 7 works of Rs.85.00 Lakhs 1) Improvements to Parks in Kodigehalli ward no.08, 2) Providing Borewell and pipeline work in Bhadrappa layout and surrounding in ward no.08 Kodigehalli, 3) Supply of water through water tank at Balaji layout and Bhadrappa layout at Kodigehalli in ward no.08, 4) Supply of water through water tank at Kodigehalli Maruthinagara and BB Nagara area at Kodigehalli in ward no.08, 5) Replace of old UGD pipe line at Kodigehalli in ward no.08, 6) Improvements of roads and desilting at Devinagara and surrounding area at Kodigehalli in ward no.08 7) Providing and fixing CC TV at Block spot in Kodigehalli ward no.08 Indent 34188

1st and Part Bill

Name of Agency : Sri.B.B Umesh

Job Code No :- 008-19-000003

AS/NO:- CE /(YNK) / Admn/167/2019-20	Dt: 09.01.2019
TS/NO:- CE(YNK)/TS/246/2019-20	Dt: 09.01.2019
Work order No. :- BBMP/EE/BTP/WO/185/2019-20	Dt:07.01.2020

Item NO	29	
Item Name	Providing and fixing in position brass bib cock of approved quality nominal bore including cost of all materials, labour and HOM with all leads complete as per specifications. Specification No.KBS 13.2.2 / 13.3 15mm dia nominal bore	

SL NO	CHAINAGE / Land mark	NO	Length (m)	Bridth (m)	Depth (m)	Qty	Raemarks
Measurement Recorded On :							
2) Providing borewell and pipe line works in Bhadrappa Layout and Surrounding in ward no.08, Kodigehalli							
For Pipe line surface							
12th Main road Maruthinagara Bhadrappa Layout							
For Taps		30				30.00	
6th Cross Maruthinagara Bhadrappa Layout							
For Taps		30				30.00	
						60.00	
				Total Qty		**60.00**	**Each**

Assistant Executive Engineer.
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

Asst.Engineer
Ward no.08
BBMP - Bangalore

Asst.Executive Engineer
Kodigehalli sub Division
BBMP - Bangalore

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

BRUHATH BANGALOR MAHANAGARA PALIKE

Executive Engineer Byatarayanapura Division

Name Of Work :- **Package-3**, includes 7 works of Rs.85.00 Lakhs 1) Improvements to Parks in Kodigehalli ward no.08, 2) Providing Borewell and pipeline work in Bhadrappa layout and surrounding in ward no.08 Kodigehalli, 3) Supply of water through water tank at Balaji layout and Bhadrappa layout at Kodigehalli in ward no.08, 4) Supply of water through water tank at Kodigehalli Maruthinagara and BB Nagara area at Kodigehalli in ward no.08, 5) Replace of old UGD pipe line at Kodigehalli in ward no.08, 6) Improvements of roads and desilting at Devinagara and surrounding area at Kodigehalli in ward no.08 7) Providing and fixing CC TV at Block spot in Kodigehalli ward no.08 Indent 34188

1st and Part Bill

Name of Agency : Sri.B.B Umesh

Job Code No :- 008-19-000003

AS/NO:- CE /(YNK) / Admn/167/2019-20	Dt: 09.01.2019
TS/NO:- CE(YNK)/TS/246/2019-20	Dt: 09.01.2019
Work order No. :- BBMP/EE/BTP/WO/185/2019-20	Dt:07.01.2020

Item NO	**30**
Item Name	Providing and constructing burnt brick masonry for basement and superstructure with approved quality of non-modular bricks of standard size of class designation 3.5Newton per sqm with cement mortar including cost of materials, labour charges, scaffolding, curing complete as per specifications. Specification No. KBS 6.2 with cement mortar 1:6

SL NO	CHAINAGE / Land mark	NO	Length (m)	Bridth (m)	Depth (m)	Qty	Raemarks
Measurement Recorded On :							
2) Providing borewell and pipe line works in Bhadrappa Layout and Surrounding in ward no.08, Kodigehalli							
For Pipe line surface							
12th Main road Maruthinagara Bhadrappa Layout							
	For Taps	30	0.30	0.30	1.20	3.24	
6th Cross Maruthinagara Bhadrappa Layout							
	For Taps	30	0.30	0.30	1.20	3.24	
						6.48	
				Total Qty		**6.48**	**Cum**

Assistant Executive Engineer
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

Asst Engineer
Ward no.08
BBMP - Bangalore

Asst Executive Engineer
Kodigehalli sub Division
BBMP - Bangalore

BRUHATH BANGALOR MAHANAGARA PALIKE

Executive Engineer Byatarayanapura Division

Name Of Work :- **Package-3**, includes 7 works of Rs.85.00 Lakhs 1) Improvements to Parks in Kodigehalli ward no.08, 2) Providing Borewell and pipeline work in Bhadrappa layout and surrounding in ward no.08 Kodigehalli, 3) Supply of water through water tank at Balaji layout and Bhadrappa layout at Kodigehalli in ward no.08, 4) Supply of water through water tank at Kodigehalli Maruthinagara and BB Nagara area at Kodigehalli in ward no.08, 5) Replace of old UGD pipe line at Kodigehalli in ward no.08, 6) Improvements of roads and desilting at Devinagara and surrounding area at Kodigehalli in ward no.08 7) Providing and fixing CC TV at Block spot in Kodigehalli ward no.08 Indent 34188

1st and Part Bill

Name of Agency : Sri.B.B Umesh

Job Code No :- 008-19-000003

AS/NO:- CE /(YNK) / Admn/167/2019-20	Dt: 09.01.2019
TS/NO:- CE(YNK)/TS/246/2019-20	Dt: 09.01.2019
Work order No. :- BBMP/EE/BTP/WO/185/2019-20	Dt:07.01.2020

Item NO	30
Item Name	Providing 12mm thick cement plaster in single coat with cement mortar, to ceiling including rounding off corners wherever required smooth rendering, including providing and removing scaffolding,cost of materials, labour, curing etc., complete as per specification. cement mortar 1:3

SL NO	CHAINAGE / Land mark	NO	Length (m)	Bridth (m)	Depth (m)	Qty	Raemarks
Measurement Recorded On :							
2) Providing borewell and pipe line works in Bhadrappa Layout and Surrounding in ward no.08, Kodigehalli							
For Pipe line surface							
	12th Main road Maruthinagara Bhadrappa Layout						
	For Taps	30	1.20		1.20	43.20	
	6th Cross Maruthinagara Bhadrappa Layout						
	For Taps	30	1.20		1.20	43.20	
						86.40	
				Total Qty		**86.40**	**Sqm**

Assistant Executive Engineer
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

Asst Engineer
Ward no.08
BBMP - Bangalore

Asst Executive Engineer
Kodigehalli sub Division
BBMP - Bangalore

Assistant Executive Engineer
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

BRUHATH BANGALOR MAHANAGARA PALIKE

Executive Engineer Byatarayanapura Division

Name Of Work :- **Package-3**, includes 7 works of Rs.85.00 Lakhs 1) Improvements to Parks in Kodigehalli ward no.08, 2) Providing Borewell and pipeline work in Bhadrappa layout and surrounding in ward no.08 Kodigehalli, 3) Supply of water through water tank at Balaji layout and Bhadrappa layout at Kodigehalli in ward no.08, 4) Supply of water through water tank at Kodigehalli Maruthinagara and BB Nagara area at Kodigehalli in ward no.08, 5) Replace of old UGD pipe line at Kodigehalli in ward no.08, 6) Improvements of roads and desilting at Devinagara and surrounding area at Kodigehalli in ward no.08 7) Providing and fixing CC TV at Block spot in Kodigehalli ward no.08 Indent 34188

1st and Part Bill

Name of Agency : Sri.B.B Umesh

Job Code No :- 008-19-000003

AS/NO:- CE /(YNK) / Admn/167/2019-20	Dt: 09.01.2019
TS/NO:- CE(YNK)/TS/246/2019-20	Dt: 09.01.2019
Work order No. :- BBMP/EE/BTP/WO/185/2019-20	Dt:07.01.2020

Item NO	32	
Item Name	Lead for disposal of debris shall be payable at carrage rates by mechanical means including loading and unloading From 13.30 Kms	

SL NO	CHAINAGE / Land mark	NO	Length (m)	Bridth (m)	Depth (m)	Qty	Raemarks
Measurement Recorded On :							
2) Providing borewell and pipe line works in Bhadrappa Layout and Surrounding in ward no.08, Kodigehalli							
For Debries Near Borewell points							
12th Main road Maruthinagara Bhadrappa Layout							
		8	3.60	1.35	0.65	25.27	
		3	2.50	1.50	0.50	5.63	
6th Cross Maruthinagara Bhadrappa Layout							
		6	4.50	1.50	0.55	22.28	

53.18

			5	2.65	1.40	0.60	11.13	
					Total QTy		64.30	
					Qty Limit to		**60.00**	
					Total Qty		**60.00**	**Cum**

Assistant Executive Engineer
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

Asst.Engineer
Ward no.08
BBMP - Bangalore

Asst.Executive Engineer
Kodigehalli sub Division
BBMP - Bangalore

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.